

DETERMINATION OF ACCELERATED IRON CORROSION IN PETROLEUM PRODUCTS



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DETERMINATION OF ACCELERATED IRON CORROSION IN PETROLEUM PRODUCTS

Test Method

Accelerated Laboratory and Field Procedure for the determination of corrosion of iron, in the presence of water, on samples such as gasoline and gasoline blended with 10% ethanol, E10 (Specification D4814); gasoline-blend components (except butane); diesel fuel and biodiesel B5, except Grade No. 4-D (Specification D975); biodiesel B6 to B20 (Specification D7467); diesel-blend component such as light cycle-oil; No.1 fuel oil, No.2 fuel oil (Specification D396); aviation turbine fuel (Specification D1655).

Accelerated Iron Corrosion Tester

- Preset Temperature and RPM value in direct accordance with ASTM D7548
- 5" Touch Screen Control Display with Soft keys
- 4-position liquid bath
- Integrated Timer
- Small Footprint

Specifications

Conforms to the specifications of:

ASTM D7548

Temperature Setting: 37.8°C (100°F)

Bath Tank Volume: 1.3 Gallons

Heating/Cooling: Peltier Regulating System

Stirring Speed: 100 RPM; 900 RPM

Dimensions l x w x h, in.(cm)

15x23x14 (38.1x58.5x35.5)

Net Weight: 35 lbs (15.9kg)

Included Accessories

5ml Syringe with 63.5 mm (2.5 in) long needle

Temperature Probe (4)

Test Jar, 90 ml capacity, flat-bottom (4)

Test Jar Cap (4)

Port Cover (4)

Corrosion Test Specimen Assembly (4)

Magnetic Stirrer Bar according to ASTM (5)

O-Ring (4)

Ethernet Crossover Cable (1)



K30260 Accelerated Iron Corrosion Tester

Ordering Information

Catalog No.

K30260

Accelerated Iron Corrosion Tester, 115V 60Hz

K30269

Accelerated Iron Corrosion Tester, 220-240V 50/60Hz

Accessories

250-000-28F

ASTM 28F Thermometer, Range: 97.5 to 102.5°F

250-000-28C

ASTM 28C Thermometer, Range: 36.6 to 39.4°C

K30130

Polishing Chuck

K30150

Drive Motor, 115V

K30180

Drive Motor, 230V

380-100-002

Silicone Carbide Abrasive Cloth Roll, C-100 grit Open Mesh, 38mm width x 22.5m length
For Preliminary grinding and final polishing of test specimens.



1595 SYCAMORE AVENUE • BOHEMIA, NEW YORK 11716-1796

1-800-878-9070 (IN U.S. ONLY) • TEL: +1 631 589 3800 • FAX: +1 631 589 3815

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